Vestax

Vestax Mixing Controller

VMC-002XLu

取扱説明書 P.2~

OWNER'S MANUAL P.9~

〒154-0023
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CONGRATULATIONS !

Thank you for purchasing the Vestax VMC-002XLu Mixing Controller. We suggest that you read through this owner's manual thoroughly so that you may enjoy the full use of this product safety and in the knowledge of all its special features and suitably applications.

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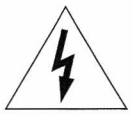


CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to consitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFEGUARDS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read instructions-All the safety and operating instructions should be read before the appliance is operated.

2. Retain instructions-The safety and operating instructions should be retained for future reference.

3. Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions-All operating and use instructions should be followed.

5. Cleaning-Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments-Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture-Do not use this product near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

8. Accessories-Do not place this product on an unstable cart, stand, tripod, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart,. stand, tripod, bracket, or table recommended by the manufacturer, or sold with product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. Power sources-This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company.

11. Lightning-For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

12. Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

13. Object and Liquid Entry-Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

14. Servicing-Do not attempt to service product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified personnel.

15.Damage Requiring Service-Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a.When the power-supply cord or plug is damaged.
b.If liquid has been spilled or objects have fallen into the product.
c.If the product has been exposed to rain or water.
d.If the product dose not operate normally by following the operating instructions. Adjust only those controls that are coverd by the operating instructions as an improper adjustment of other, controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
e.If the product has been dropped or cabinet has been damaged.
f. When the product exhibits a distinct change in performance this indicates need for service.

16.Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock or other hazards.

17.Safety Check-Upon completion of any service or repairs to product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

18.Carts and Stands-The appliance should be used only with a cart stand that is recommended by manufacturer.

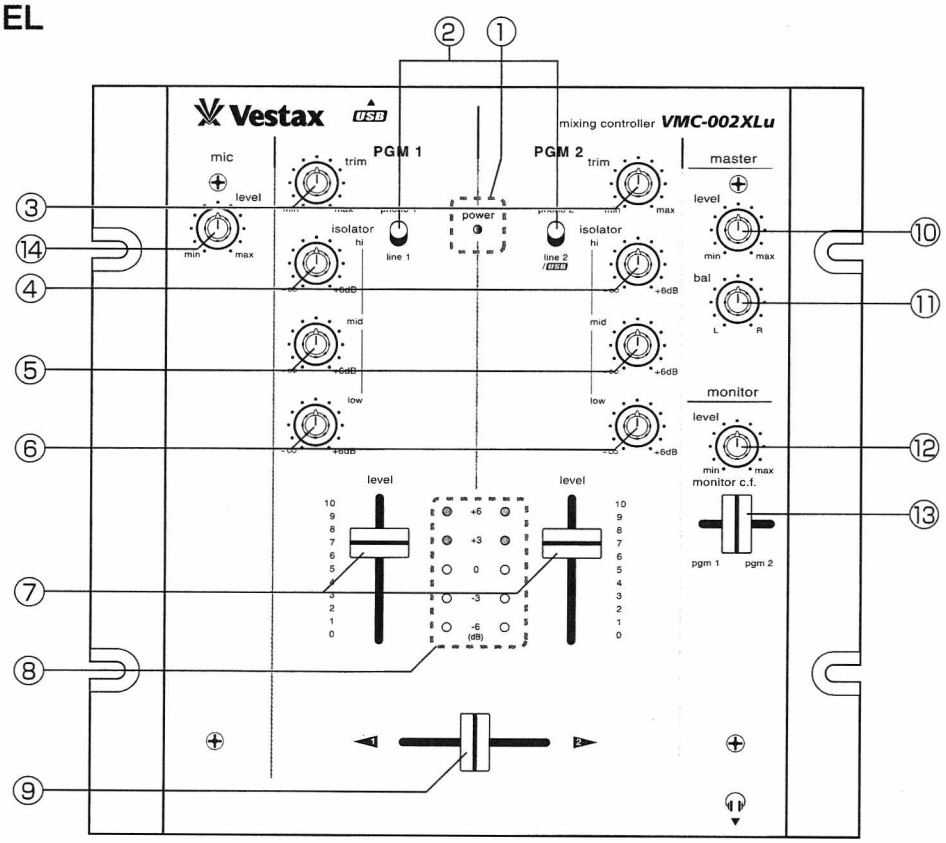
19.An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

FEATURES

- VMC-002XLu is equipped with 3-band isolator on each channel, allowing DJs to mix in the most creative way.
- The EQ curve has been refined by our manufacturing team to offer the sweetest sounding, and most striking EQ available among mixers in this price zone.
- Digital connection with computers and USB devices is enabled by installing TUB-1(USB Board / Sold Separately)to the OPTION BOARD slot.
- The cross fader of the VMC-002XLu is the ultra smooth CF-R US, which is the best quality fader available in this class.
- To give young DJs all over the world a mixer that can grow with their career, the cross-fader in the VMC-002XLu can be upgraded to the most double Vestax PRO-fader, CF-PCV, to realize pro-level performance.

CONTROLS AND FUNCTIONS

TOP PANEL



①POWER INDICATOR
Lights up when the POWER SWITCH ⑱ is on.

②INPUT SELECTOR
Used to select the input (LINE or PHONO) to be sent to each PGM channel. The upper most position will select PHONO input. This selector switch can also be used to perform for TRANSFORMER SCRATCH.
※When 2 individual inputs are connected to LINE 2 and USB(Optional, please read REAR PANEL on page13) and if the input select switch of PGM 2 is set to LINE 2/USB, both signals will be mixed in to the channel.

③TRIM VOLUME
Adjusts the input level of each channel. For optional acoustic quality, set the INPUT LEVEL VOLUME u to a position of 7 or 8 then; adjust the TRIM so that a sufficient signal is fed through the channel without distorting.

④PGM ISOLATOR HI
Adjusts the HI frequency level of each PGM.

⑤PGM ISOLATOR MID
Adjusts the MID frequency level of each PGM.

⑥PGM ISOLATOR LOW
Adjusts the LOW frequency level of each PGM.

⑦INPUT LEVEL VOLUME
Used to adjust the input level of each PGM channel.

⑧INPUT LEVEL METER
The LED level meters indicate the input signal level of each PGM cannel.

⑨CROSS FADER
When the input level of PGM1 and PGM2 are properly set, PGM1 will be heard with the crossfader set to the left side. PGM2 will be heard with the cross fader set to the right side. When the crossfader is set in the center, both programs will be heard. This is detachable fader for the ease of replacement with "CF-R US" when it is worn out.

⑩MASTER LEVEL VOLUME
Adjusts the signal level outputs from LINE OUT ㉓ • ㉔.

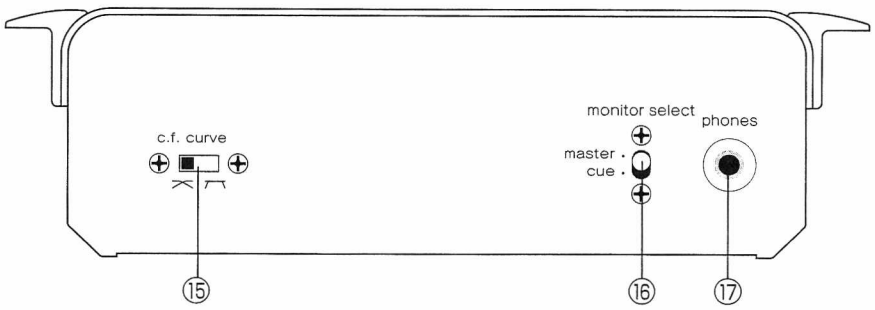
⑪MASTER BALANCE VOLUME
Adjusts the signal balance of the L to R side of the outputs.

⑫MONITOR LEVEL VOLUME
Adjusts the headphone monitor level.

⑬CF MONITOR VOLUME
Crossfader signal to be monitored from each program when the MONITOR SELECT SWITCH is selected "cue".

⑭MIC LEVEL VOLUME
Adjusts the input level of the MIC INPUT ㉖.

FRONT PANEL



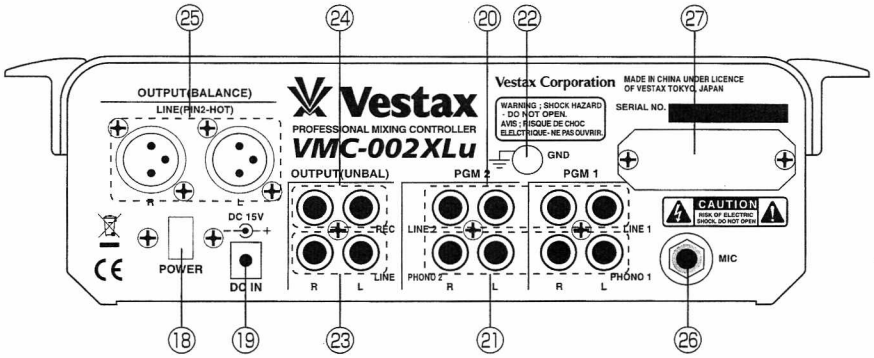
⑮C.F. CURVE SWITCH
Selects the cross fader curve. Set it to the right side for rapid cuts and scratches. Set it to the left side for a gentle curve suitable for long mixes.

⑯MONITOR SELECT SWITCH
This switch is used to select the way of monitoring from following.

CUE・・・・・・It allows you to hear input signal of PGM1, PGM2 selected by CF MONITOR ⑬.
MASTER・・・It allows you to hear the signal of LINE OUT.

⑰PHONE JACK
Connect the headphones with the impedance of 8ohm to 600ohm.

REAR PANEL



⑱POWER SWITCH
Use to turn power on.

⑲POWER JACK
Connect the Vestax DC-15A, AC adaptor.

⑳LINE INPUT JACK
Connect the equipment with line level output (-10dB or 0dB), such as CD players, tape decks, DATs, MDs, etc. The signal from line level equipment is fed to the PGM channels when Line input is selected.

㉑PHONO INPUT JACK
Connect turntables equipped with MM (Moving Magnet type) cartridge. The signal from the turntable is fed to the PGM channels when Phono input is selected.

㉒GROUND TERMINAL
Connect this terminal to the ground lead of the turntables.

㉓LINE OUT JACK
Connect to the input of power amplifier.

㉔REC OUT JACK
Connect to the input jack of the tape recorder, MD, DAT, etc. The output level of this jack is fixed and does not change with the MASTER LEVEL ⑩.

㉕LINE OUTPUT JACK
[BALANCED XLR JACK: HOT=PIN2]
Connect to the input of power amplifier.

㉖MIC INPUT JACK
Input jack for MIC.

㉗OPTION BOARD INSERT

HOW TO CHANGE THE FADER UNIT

■HOW TO REMOVE THE TOP PANEL.

①Remove all fader knobs and the 4screws. (see fig.A)

②Remove the top panel.

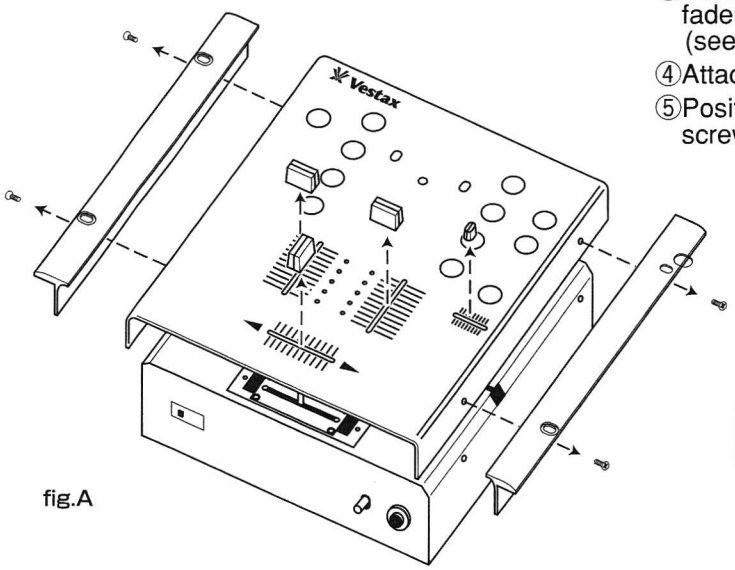


fig.A

■HOW TO CHANGE THE FADER UNIT

①Remove the screws on the fader panel. (see fig.B)

②Remove the fader unit from the mixer.

③Carefully remove the multi-cable connector from fader unit. (see fig.C)

④Attach multi-cable connector to new fader unit.

⑤Position the fader unit carefully and secure with screws.

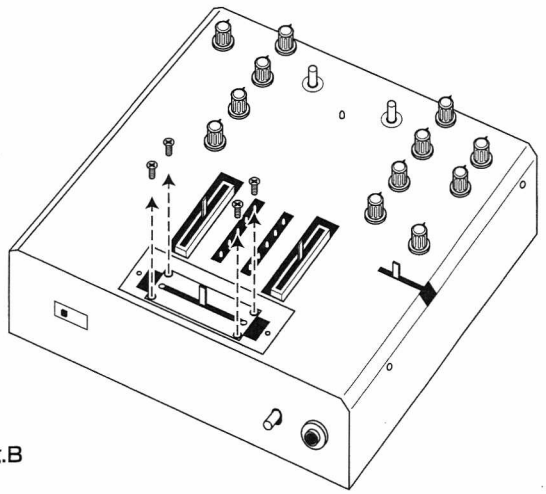


fig.B

■HOW TO REPLACE THE CF UNIT WITH "CF-PCV"

Please see fig.C for replacement of the fader. Place the fader unit in the proper position and fix it with two screws. (fig.D-ⓑ)

There is a switch for CF-PCV unit. When "CF-PCV" unit is installed, set the switch to "PCV" mode.

You can replace the CF unit with "CF-RUS", "CF-R" or "CF-PCV".

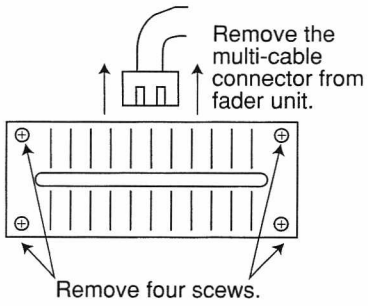
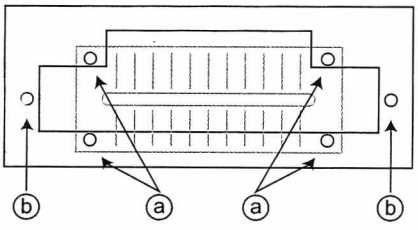


fig.C

CAUTION

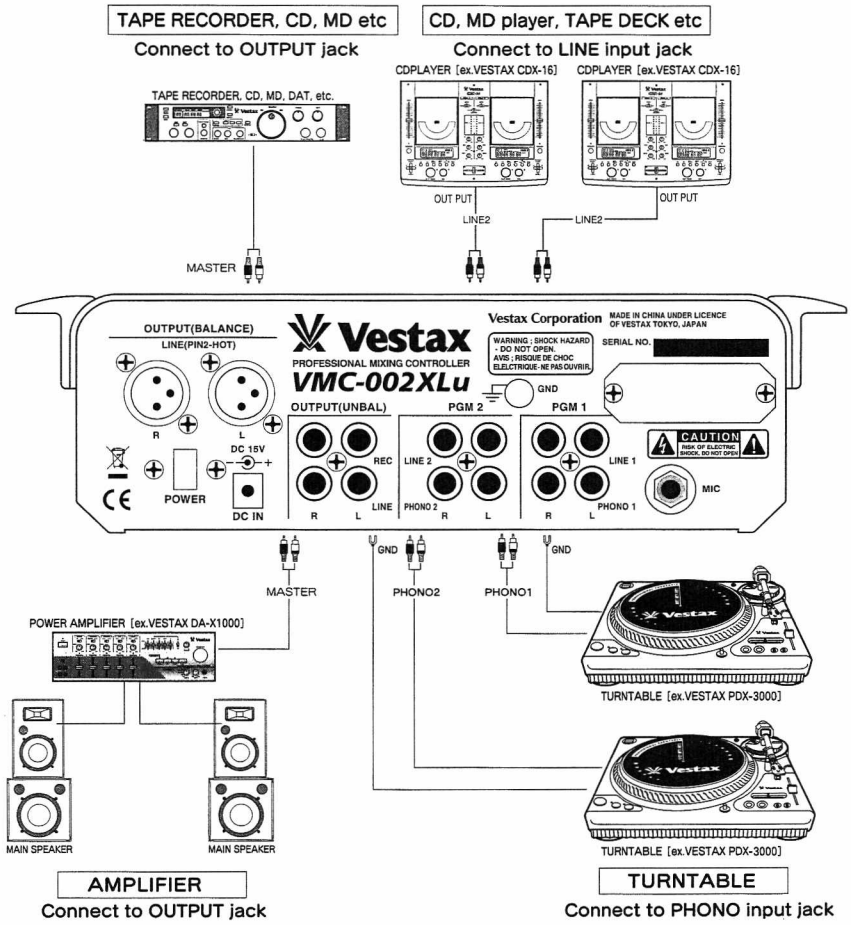
When the fader unit is replaced, do not loosen the screws with ✕ marking.



ⓐ: CF-RUS or CF-R
ⓑ: CF-PCV

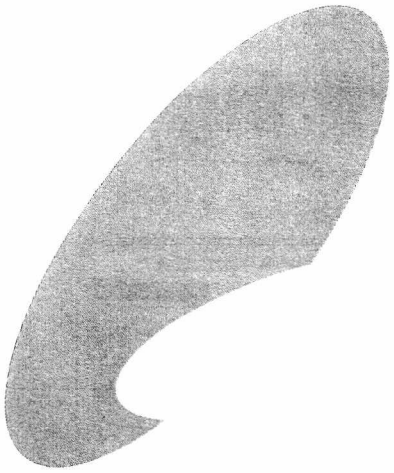
fig.D

CONNECTION DIAGRAM [example]



SPECIFICATIONS

		NOMINAL INPUT	IMPEDANCE
INPUT SECTION	PHONO 1, 2 (RCA PIN JACK)	-45dBv	49KΩ
	LINE 1, 2 (RCA PIN JACK)	-4dBv	7KΩ
	MIC (1/4" PHONE JACK)	-52dBv	3.3KΩ
		NOMINAL OUTPUT	IMPEDANCE
OUTPUT SECTION	LINE OUT (RCA JACK)	0dBv	220Ω
		MAXIMUM OUTPUT	IMPEDANCE
	HEADPHONE (1/4" PHONE JACK)	100mW(47Ω load)	>8Ω
FREQUENCY RESPONSE		20Hz ~ 20KHz ±3dB	
CROSS TALK		65dB over	
S/N RATIO		70dB over	
POWER SUPPLY		DC15V 500mA	
DIMENSIONS(W×H×D)		264×105×260(mm)	
WEIGHT		4.0kg	



Vestax

mixing controller

VMC-002XLu TUB
VMC-004XLu TUB
VMC-004FXu TUB

Supplemental Instruction Sheet

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Please be sure to completely read this supplemental instruction sheet along with the user's manual of the following products. (Products labeled "TUB")

- VMC-002XLu_TUB
- VMC-004XLu_TUB
- VMC-004FXu_TUB

◇ HOW TO USE USB

Connect the mixers USB input/output port to a computers USB port with a USB cable.
Sound Input/Output will be enabled simply by connecting via USB, using the OS internal driver.
※USB board features

- USB1.1(USB2.0 compatible) compliant
- USB BUS power operated

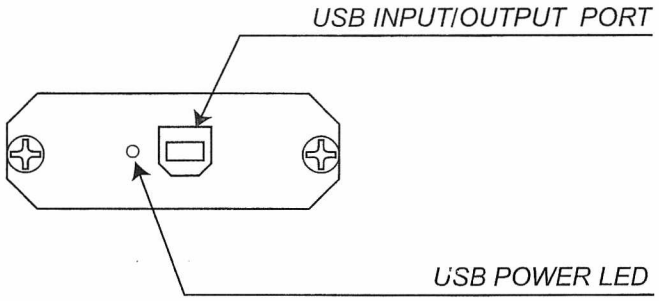
The USB POWER LED will light up after the mixer is identified by the computer and the power has been supplied.

◇ USB PORT CHANNEL ASSIGN

(1) VMC-002XLu TUB
⇒Please refer to (27) , page 13 of the VMC-002XLu users manual.
Assigned to:
INPUT: LINE2/USB of PGM2
OUTPUT: MASTER OUTPUT

(2) VMC-004XLu_TUB
⇒Please refer to (20), page 13 of the VMC-004XLu users manual.
Assigned to:
INPUT: LINE4/USB of PGM4
OUTPUT: MASTER OUTPUT

(3) VMC-004FXu_TUB
⇒Please refer to (29), page 18 of the VMC-004FXu users manual.
Assigned to:
INPUT: LINE5/USB of PGM3
OUTPUT: MASTER OUTPUT



◇ SYSTEM REQUIREMENTS
Minimum System requirement

●OS(Operating System)
Windows:
Windows98/98SE/Me, 2000/XP
(Windows XP will require the latest USB audio driver available from Windows update website)

Macintosh:
- Mac OS X 9.1 and later versions
- Mac OS X 10.0 English Edition and later versions
- Mac OS X 10.1 Japanese Edition and later versions

(Mac OS X 10.0 Japanese Edition is NOT SUPPORTED)
All versions before OS X 9.1 is NOT SUPPORTED

※ NOTE
- The minimum system requirements above are for the mixer. If the minimum system requirement of the software is higher than the mixers requirement, please prepare an advanced operating system qualified.
- Macintosh CPU accelerator cards are not supported. The computer must have USB connection.
- YAMAHA AC-XG Audio Device does not work with this mixer.

*Above are minimum requirements and does not guarantee performance for all computers and devices.

◇ USB connection confirmation

The USB POWER LED (red) will light up when the mixer is connected to a computer via USB and indicate that USB input/output is operating.
Please follow the instructions below to confirm if the computer has identified the mixer via USB connection.

Windows XP:
To check connection status in Windows XP, view [control panel] > [system] > [hardware] > [device manager] > inside [sound, video and game controller] find [USB Audio device] .
If both are displayed and the status is "This device is installed correctly", the mixer and computer is connected correctly.

Macintosh:
To check the connection status in Macintosh, view [Applications] > [Utilities] > [Audio MIDI setting] > [MIDI device] and find "Vestax PC-CONTROLER". The property shall show,
* Device: Vestax PC CONTROLLER
* Manufacturer: Vestax
* Model: Vestax PC-CONTROLLER

The computer and the mixer are connected correctly if the information above is shown.